	Application No.	Applicant(s)
Notice of Allowability	09/870,301	BISWAS ET AL.
	Examiner	Art Unit	
	Miranda Le	2167	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Amendment filed 03/03/05*.

2. ☒ The allowed claim(s) is/are *1, 3 - 5, 11-15, now renumbered as 1-9* .

3. ☒ The drawings filed on *30 May 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

Miranda Le
March 03/11/05

DETAILED ACTION

1.   This communication is responsive to Amendment filed 03/03/2005. Claims 1, 11 are

independent claims. In the Amendment, no claims have been amended, canceled, or added.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mr. Charles G. Call on March 08/2005.

2.   The application has been amended as follows:

- Cancel claim 2.

- Claim 1 has been amended as:

Apparatus for performing location-dependent data processing operations comprising,

in combination,

a relational database management system for creating and updating data structures

comprising a first set of one or more relational tables describing objects, said data

structures including means for storing data specifying the geographic location of at

least selected ones of said objects;

means for storing reference data in a second set of one or more relational tables

describing a plurality of system defined regions, said reference data including the

specification of the geographic location of each given one of said system defined

regions and a human interpretable description of each given one of said regions; ;

a user-manipulated control, comprising:

means for visually displaying to a user said human interpretable description

for said system defined regions,

means for accepting from said user an identification of a plurality of system

defined regions, and

means for generating the specification of a new user defined region consisting

of the combination of said plurality of system defined regions, and

means for storing reference data describing said new user defined region in

said second set of tables, and

means for identifying a selected one of said regions described in said second

set of tables, and

means for transferring data specifying the geographic location of said selected

one of said regions to said first set of tables to specify the geographic location of a

specified one of said objects; and

means responsive to said control for transferring selected items of said reference data

to said means for storing geographic location data associated with one of said objects.

• Claim 11 has been amended as:

A method for performing location-dependent data processing operations comprising,

in combination, the steps of:

creating and updating data structures describing objects in a first set of tables in a

relational database management system, said data structures including data specifying the

geographic location of at least selected ones of said objects; ;

storing reference data describing a plurality of system defined regions in a second set of

tables in said relational database system, said reference data including the specification of

the geographic location of each given one of said system defined regions and a human

interpretable description of each given one of said system defined regions; ;

employing a user-manipulated control for performing the substeps of:

visually displaying to a user said human interpretable description for said system

defined regions,

accepting from said user an identification of a plurality of system defined

regions, and

generating the specification of a new user defined region consisting of the

combination of said plurality of system defined regions, and

storing reference data describing said new user defined region in said second set

of tables, and

identifying a selected one of said regions described in said second set of tables,

and

transferring data specifying the geographic location of said selected one of said

regions to said first set of tables to specify the geographic location of a specified one of

said objects; and

transferring said reference data describing said new user defined region to said data

structures to associate said new user defined region with one of said objects.

4.　　The following is an examiner's statement of reasons for allowance:

The present invention is directed to a method for employing a user-manipulated control,

which permits user to specify and store user-defined geographic regions by selecting a

combination of system-defined regions from a visual display.　The specification of the new user-

defined region is stored in a second set of relational database tables and is transferred to the

tables describing objects to associate the new user defined region with one of those objects

Claims 1, 11 identify the uniquely distinct step of: identifying a selected one of said

regions　　described　　in　　said　　second　　set　　of　　tables,　　and

transferring data specifying the geographic location of said selected one of said regions

to said first set of tables to specify the geographic location of a specified one of said objects

The closest prior art, Weisshaar et al. (US 6,580,916) shows a substantially similar

method for matching service requests to available services.　However, Weisshaar et al. fail to

anticipate or render the above-cited limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee.　Such submissions should be clearly labeled "Comments on Statement of Reasons for
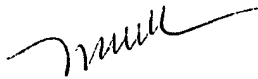
Allowance".

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Miranda Le whose telephone number is (571) 272-4112. The examiner can normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Breene, can be reached on (571) 272-4107. The fax number to this Art Unit is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Miranda Le
March 11, 2005

GRETA ROBINSON
PRIMARY EXAMINER